

Dust & Noise Management Plan

At: Osbourne Yard
Oldham Road
Manchester

To: Control Dust during the construction Phase of
Development

October 2022

Introduction

The following sets out the general approach to eliminate, mitigate and manage dust and noise emissions in relation to the above development during the Construction Phase and in pursuant to the discharge of the planning conditions.

Site

The development is located at 271 Oldham Road in the Miles Platting area of Manchester, this is east of the Green Quarter of Manchester.



Description of Project

The project aims to erect a six-storey building to form ninety residential apartments. There are 21 no three-bedroom duplex apartments, 42 no two bed apartments and 27 no one bedroom apartments. The ground floor area comprises plant area, reception/ lounge, bin store and secure cycle storage, together with 53 car parking spaces and external secure cycle bays.

Duration of the Project

The construction phase of the project is expected to commence **TBC** with a completion date of **TBC** which will be an 87 - week programme.

General Description of Works to be carried out:

- Enabling Works – Demolition of existing Garage and tanks/ site clearance
- CFA piling
- Groundworks
- Steel Frame
- Brickwork
- Internal Works
- External Finishing Works

Nominated Representative

A member of the principal contractor's construction team will be nominated as the "nominated representative" responsible for the implementation of the dust and noise mitigation and management strategy and will fulfil this duty on a day-to-day basis.

It will be this person's responsibility to ensure:

- The dust mitigation measures are implemented on site
- The dust monitoring is carried out as set out in this protocol; and
- The remedial action in the event that the trigger levels are exceeded, as detailed below; and

Site Activities

Noise and Dust generating activities may occur during the construction phase of the development and all efforts will be made to eliminate, mitigate this.

Working Hours

It is envisaged that site working hours would be 8.00am to 5.00pm Monday to Friday. Saturday working will be via client approval and would be site specific trade operations, but will be limited between 9.00am to 1.00pm

Due regard will be given to activities that have potential to generate noise and will be carried out at times which are less likely to cause nuisance to all.

Whenever working on a site within a residential area it is basic courtesy to inform local residence and businesses that work is about to commence. This would be done via a newsletter describing in brief the works and our proposed programme. Our Project Manager shall be the point of contact, his

telephone number would be provided should there be any enquiries. The general public shall be informed of the works by fixing a sign or notice to the site hoarding giving a brief description of the works.

It is not expected that noise & vibration issues will pose a significant risk or nuisance to members of the public. It is envisaged that these will be limited by chosen methods of construction, working time restrictions and the use of noise suppressed plant & water dust suppression.

Innov8 operates a fully accredited Environmental System which includes documented procedures to deal with noise and other statutory nuisance issues. All projects are risk assessed before commencement on site, and documented control measures would be implemented to mitigate any harmful consequences to persons/health from onsite operations. All plant equipment would be fitted with silencers to ensure that noise levels are kept within acceptable limits and within the guidelines set out within the tender documents. Some noisy activities such as demolition cannot be avoided but as mentioned above these activities would be risk assessed and control measures introduced. These activities would be carried out as quickly as possible to minimise disruption to the local community. The electric static crane that will be used on site is also a distribution measure we have adopted to minimise noise from plant.

Dust / Fumes

Any process which produces either dust or fume must be controlled to prevent danger to the producer or others affected by the operation. It will not be sufficient to provide RPE and controls should be implemented to contain the dust / fume at source.

In practice this will mean that any dust created will either require to be suppressed using water sprays / bottles or extracted using proprietary equipment, this will include cut off saws, woodworking equipment etc.

Petrol / Diesel driven plant will not be permitted to be used internally. Where fumes are produced from equipment or substances then sufficient extraction equipment shall be put in place to protect the operatives.

Any person who still requires, following control measures being put in place, to wear tight fitting RPE then they must:

- Be clean shaven at the point where the RPE seals to the face.
- Be face fit tested for the RPE they intend to use (copy of certificate must be available);
- Trained in the use of RPE.

Potential Receptors to Dust & Noise

- General Public
- Operatives
- Residential tenants and property owners of adjacent properties
- Rail workers

DUST – Assessment of Potential Risk: Construction Phase

The initial demolition of the garage/ car washing building and removal of underground redundant fuel storage tanks could result in air borne dust.

Additional movement of plant and equipment has the potential to generate air borne dust.

The general construction activities have also the potential to generate dust through day-to-day activities in three different categories.

- Silica Dust-Concrete/ Masonry etc
- Non-Silica Dust-Plasterboard
- Wood Dust-Skirting Architraves/Kitchens etc

Dust Control

Element	Dust Mitigation and Control Methods
Communications	• Display name and contact details of responsible person for dust issues on site boundary. • Display Office contact information
Dust Management	• Implement a dust management plan
Site Management	• Record all complaints and incidents and resulting actions in a logbook. • Record any exceptional events • Liaise with other high risk construction sites Within 500meters to ensure plans are co-ordinated
Monitoring	• Undertake daily on and off-site visual inspections. • Increase frequency of inspections during periods of high-risk activities or in dry periods • Agree monitoring protocol with Local Authority if required.
Preparing and Maintaining the Site	• Use site layout to locate activities away from Sensitive receptors • Erect solid screens and barriers around site. • Avoid site run off of water and mud

	• Keep site fencing barriers and scaffold clean. • Reduce storage of dusty materials to a minimum. • Minimise emissions from stockpiles by covering or damping down.
Construction Traffic	• Sheeting and containment of delivery Vehicles • Record inspections of haul routes in the site log book. • Access to the site via paved areas • Regularly sweeping of access roads using water assisted dust sweepers. • Damping Down during dry periods • Limiting Vehicle speeds • Switching off all engines when not in use • All vehicles will be washed down before leaving site.
Measures specific to Excavations	• Minimize drop heights when loading and off loading • In dry periods damp down general area • Sheeting and containment of the loads immediately
Distribution of Materials via Hoist and Scaffold Tower	• Water will be available on the common Hoist Tower-to allow for dust suppression as required.
Cutting-Masonry/Concrete.	• Cutting equipment will use water as a dust suppressant. • Dust extraction units will be fitted to equipment wherever possible and site personnel will ensure equipment is in good working order. • Face Fit dust masks will be provided to Operatives.
Cutting-Wood-Carpentry/Kitchens	• Dust extract equipment will be fitted to all saws • Face Fit Dust Masks will be provided in accordance with the agreed Risk Assessments and method statements.
General Construction Activities.	• Effective barriers around dusty activities and site boundary will be introduced and the area

	cordoned off with a permit to enter system in operation. • Site will not allow runoff of water or mud onto The public highway. • The need for dust masks will be risk assessed And implemented in accordance with the agreed Method statements. • Ensure suitable cleaning materials are available at all times to clean up spills.
Waste Management	• Only use registered waste carriers to remove Waste off site. • No bonfires on site. • All floor plates will be cleaned regularly damping down as required during the brushing process. • Waste Bins will be made available at all levels • A central waste Management area will located At ground level---Material will be sorted and segregated off site • Rubbish Skips will be covered • Use enclosed chutes and conveyors.

Noise Control

Noise can emanate from a wide variety of sources across all activities:

Source of Noise	Noise Mitigation and Control Methods
Construction Traffic/Plant and Equipment Tools	• Switching off all engines when not in use • All vehicles to be fitted with silencers • All Plant and Equipment will be in good working order, regularly serviced and maintained • All plant and equipment will be used in an efficient way by trained personnel.

	• Stationary plant will be cited with consideration to the local environment. • All equipment will be selected with due regard to the noise emission's levels and ear protection will be worn in accordance with the manufacturers and hirers recommendations our as stated within the agreed Method Statement and Risk Assessments.
Piling	• Choice of construction methods will be closely looked at and Piling has been selected as the piling solution-which is a relatively silent method.
General Construction Activities	• Site Management will manage and control all activities and personnel on site. • All personnel are inducted and will be aware of the requirements to minimise Noise • Regular Tool Box Talks will be given to ensure risks and the need to wear ear defenders are fully understood

Complaints Procedures

Heatley Developments Ltd will clearly display contact details in prominent locations, at various points around the site boundary.

Heatley Developments Ltd will keep accurate records of any complaints received. We would propose that we will advise the Local Authority Environmental Protection Team of any complaints received and how we have addressed them.